

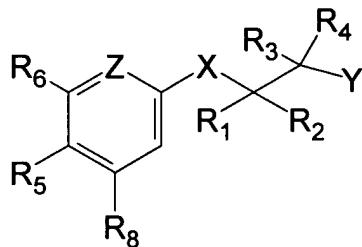
AMENDMENTS TO THE CLAIMS

Complete Listing of the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. - 14. (Cancelled).

15. (Previously Presented) A pharmaceutical composition containing a compound as defined in Formula I



Formula I

in which;

R₁ and R₂ are the same or different and independently selected from; hydrogen, halogen, C₁-C₁₀ alkyl, C₁-C₁₀ substituted alkyl, C₂-C₁₀ alkenyl, C₂-C₁₀ alkynyl, C₁-C₁₀ alkoxy, C₁-C₁₀ alkenoxy, C₁-C₁₀ alkynoxy, C₁-C₁₀ alkylthio, C₁-C₁₀ alkenylthio, C₁-C₁₀ alkynylthio, C₆-C₁₀ arylthio, C₁-C₁₀ alkylsulphone, C₁-C₁₀ alkenylsulphone, C₁-C₁₀ alkynylsulphone, C₆-C₁₀ arylsulphone, C₁-C₁₀ alkylsulphoxide, C₁-C₁₀ alkenylsulphoxide, C₁-C₁₀ alkynylsulphoxide, C₆-C₁₀ arylsulphoxide, C₁-C₁₀ alkylarylsulphoxide, C₁-C₁₀ alkylarylsulphone, C₁-C₁₀ alkylarylsulphoxide, C₆-C₁₀ aryl, or C₅-C₂₀ heteroaryl, optionally substituted with 0, 1, 2 or 3

groups of R^a which groups may be the same or different; or R_1 and R_2 may together form a C_3 - C_{10} cycloalkyl group;

R_3 and R_4 are the same or different and independently selected from hydrogen, halogen, C_1 - C_{20} alkyl, C_3 - C_7 cycloalkyl, C_2 - C_4 alkenyl, C_2 - C_4 alkynyl, C_1 - C_4 alkoxy, C_1 - C_4 alkenoxy, C_1 - C_4 alkynoxy, C_1 - C_4 alkylthio, C_1 - C_4 alkenylthio, C_1 - C_4 alkynylthio C_1 - C_{10} alkylsulphone, C_1 - C_{10} alkenylsulphone, C_1 - C_{10} alkynylsulphone, C_6 - C_{10} arylsulphone, C_1 - C_{10} alkylsulphoxide, C_1 - C_{10} alkenylsulphoxide, C_1 - C_{10} alkynylsulphoxide, C_6 - C_{10} arylsulphoxide, C_1 - C_{10} alkylarylsulphoxide, C_1 - C_{10} alkylarylsulphone, C_1 - C_{10} alkylarylsulphoxide, C_6 - C_{15} aryl, C_5 - C_{20} heteroaryl optionally substituted with 0, 1, 2 or 3 groups of R^a which groups may be the same or different; or can together form a keto group;

R_5 is chosen from nitro, cyano, $-CH_2CN$, $-COMe$, or $-SO_2CH_3$;

R_6 is chosen from the group consisting of; hydrogen, C_1 - C_5 alkyl, halogen, CN , CO_2H , CHF_2 , CH_2F or CF_3 ;

Z is chosen from CR_7 or N ;

R_7 is chosen from the group consisting of; H or C_1 - C_5 alkyl;

R_8 is chosen from the group consisting of; hydrogen, C_1 - C_5 alkyl, halogen, CHF_2 , CH_2F or CF_3 ;

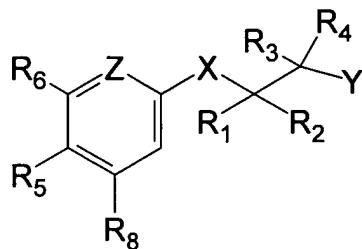
X is $-NH-$;

Y is chosen from hydroxy or $-NH(C_1-C_{10}$ heteroaryl);

R^a represents a member selected from: hydrogen, halogen, -CN, OH, CO₂H, CHO, NO₂, -NH₂, -NH(C₁-C₄), N(C₁-C₄)₂, -NH(C₆ aryl), -N(C₆ aryl)₂, -NH(C₅-C₁₀ heteroaryl), and -N(C₅-C₁₀ heteroaryl)₂; or a pharmaceutically acceptable salt thereof.

16. - 17. (Cancelled).

18. (Currently Amended) A compound as defined by Formula I:



Formula I

in which;

R₁ and R₂ are the same or different and independently selected from hydrogen, halogen, C₁-C₁₀ alkyl, C₁-C₁₀ substituted alkyl, C₂-C₁₀ alkenyl, C₂-C₁₀ alkynyl, C₁-C₁₀ alkoxy, C₁-C₁₀ alkenoxy, C₁-C₁₀ alkynoxy, C₁-C₁₀ alkylthio, C₁-C₁₀ alkenylthio, C₁-C₁₀ alkynylthio, C₆-C₁₀ arylthio, C₁-C₁₀ alkylsulphone, C₁-C₁₀ alkenylsulphone, C₁-C₁₀ alkynylsulphone, C₆-C₁₀ arylsulphone, C₁-C₁₀ alkylsulphoxide, C₁-C₁₀ alkenylsulphoxide, C₁-C₁₀ alkynylsulphoxide, C₆-C₁₀ arylsulphoxide, C₁-C₁₀ alkylarylsulphide, C₁-C₁₀ alkenylarylsulphide, C₁-C₁₀ alkynylarylsulphide, C₆-C₁₀ aryl, or C₅-C₂₀ heteroaryl, optionally substituted with 0, 1, 2 or 3 groups of R^a which groups may be the same or different; or R₁ and R₂ may together form a C₃-C₁₀ cycloalkyl group;

R_3 and R_4 are the same or different and independently selected from hydrogen, halogen, C_1 - C_{20} alkyl, C_3 - C_7 cycloalkyl, C_2 - C_4 alkenyl, C_2 - C_4 alkynyl, C_1 - C_4 alkoxy, C_1 - C_4 alkenoxy, C_1 - C_4 alkynoxy, C_1 - C_4 alkylthio, C_1 - C_4 alkenylthio, C_1 - C_4 alkynylthio C_1 - C_{10} alkylsulphone, C_1 - C_{10} alkenylsulphone, C_1 - C_{10} alkynylsulphone, C_6 - C_{10} arylsulphone, C_1 - C_{10} alkylsulphoxide, C_1 - C_{10} alkenylsulphoxide, C_1 - C_{10} alkynylsulphoxide, C_1 - C_{10} arylsulphoxide, C_1 - C_{10} alkylarylthio, C_1 - C_{10} alkylarylsulphone, C_1 - C_{10} alkylarylsulphoxide, C_6 - C_{15} aryl, C_5 - C_{20} heteroaryl optionally substituted with 0, 1, 2 or 3 groups of R^a which groups may be the same or different; or can together form a keto group;

R_5 is chosen from nitro, cyano, $-CH_2CN$, $-COMe$, or $-SO_2CH_3$;

R_6 is chosen from the group consisting of; hydrogen, C_1 - C_5 alkyl, halogen, CN, CO_2H , CHF_2 , CH_2F or CF_3 ;

R_8 is chosen from the group consisting of; hydrogen, C_1 - C_5 alkyl, halogen, CHF_2 , CH_2F or CF_3 ;

X is $-NH^-$;

Y is chosen from hydroxy, or $-NH(C_1$ - C_{10} heteroaryl);

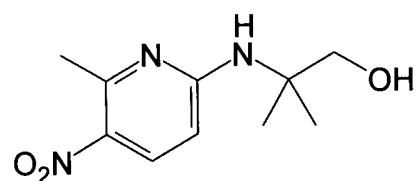
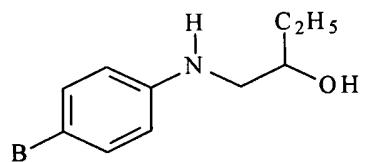
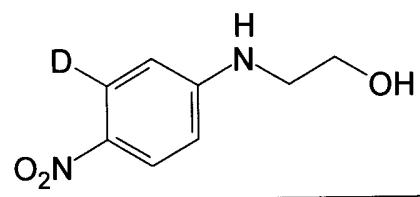
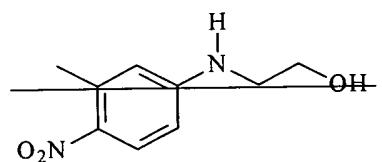
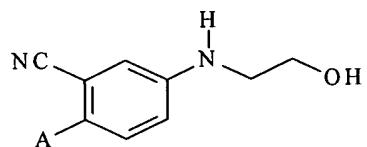
Z is chosen from CR, or N;

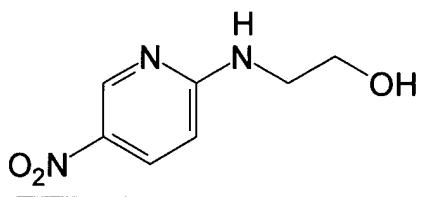
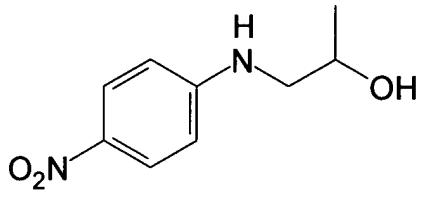
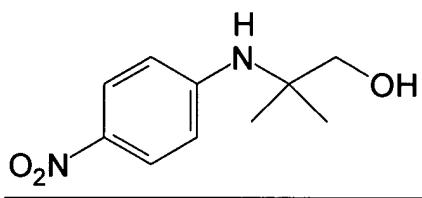
R_7 is H or C_1 - C_5 alkyl;

R^a represents a member selected from: hydrogen, halogen, $-CN$, OH , CO_2H , CHO , NO_2 , $-NH_2$, $-NH(C_1$ - $C_4)$; $N(C_1$ - $C_4)_2$, $-NH(C_6$ aryl), $-N(C_6$

aryl)₂, -NH(C₅-C₁₀ heteroaryl), and -N(C₅-C₁₀ heteroaryl)₂; or a pharmaceutically acceptable salt thereof,

with the proviso that the compound is not one of:





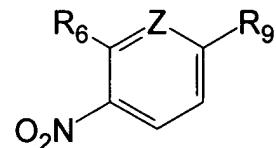
wherein A is -CN or -NO₂, and B is -CN, -NO₂ or -SO₂CH₃, and D is hydrogen or methyl.

19. (Original) A compound according to claim 18, wherein R₁ or/and R₂ are H, (S)-methyl, methyl, (R)-ethyl, (S)-ethyl, ethyl, (R)-propyl, (S)-propyl, propyl, (S)-butyl, S-1-methyl-propyl, S-2-methyl-propyl, (R)-isopropyl, (S)-isopropyl, isopropyl, cyclopentyl, -(CH₂)₂SMe, (R)-CH₂SCH₂Ph, (S)-benzyl, 4-chloro-benzyl, (S)-3-methyl-1-H-indole or (S)-phenyl.
20. (Previously Presented) A compound according to claim 18, wherein R₃ is chosen from the group consisting of hydrogen, methyl, ethyl, phenyl, 3-hydroxy phenyl, 4-hydroxy phenyl, or forms a keto group together with R₄.
21. (Previously Presented) A compound according to claim 18, wherein R₄ is H, methyl, or forms a keto group together with R₃.

22. (Previously Presented) A compound according to claim 18, wherein R₅ is NO₂, CN, or CH₂CN.
23. (Previously Presented) A compound according to claim 18, wherein R₆ is Me or CF₃.
24. (Previously Presented) A compound according to claim 18, wherein R₇ is H or Me.
25. (Previously Presented) A compound according to claim 18, wherein R₈ is H or methyl.
26. (Cancelled)
27. (Previously Presented) A compound according to claim 18, wherein Y is -OH.
28. (Cancelled)
29. (Previously Presented) A compound according to claim 18, wherein the compound is chosen from the group consisting of:
2-Methyl-2-(4-nitro-3-trifluoromethyl-phenylamino)-propan-1-ol;
[1-(4-Nitro-3-trifluoromethyl-phenylamino)-cyclopentyl]-methanol
(S)-2-(4-Nitro-3-trifluoromethyl-phenylamino)-3-phenyl-propan-1-ol;
(S)-2-(4-Nitro-3-trifluoromethyl-phenylamino)-butan-1-ol;
2-Methyl-2-(3-hydroxy-4-nitro-phenylamino)-propan-1-ol;

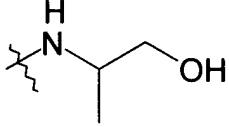
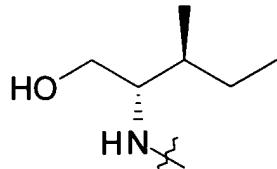
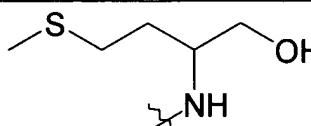
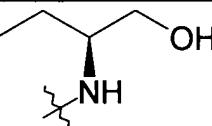
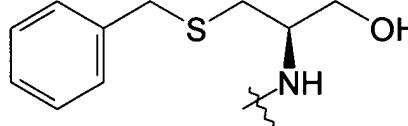
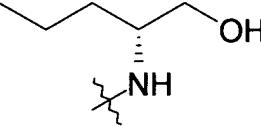
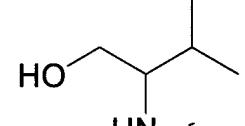
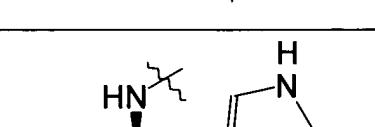
[1- (3-Methyl-4-nitro-phenylamino)-cyclopentyl]-methanol;
(S)-2- (3-Methyl-4-nitro-phenylamino)-butan-1-ol;
2-Methyl-2- (6-methyl-5-nitro-pyridine-2-ylamino)-propan-1-ol;
[1- (6-Methyl-5-nitro-pyridine-2-ylamino)-cyclopentyl]-methanol;
(S)-2- (6-Methyl-5-nitro-pyridin-2ylamino) 2-phenyl-ethanol;
(S)-2- (6-Methyl-5-nitro-pyridine-2-ylamino)-3-phenyl-propan-1-ol;
(S)-2- (6-Methyl-5-nitro-pyridin-2-ylamino)-butan-1-ol;
(DL)-3- (4-Chloro-phenyl)-2- (6-methyl-5-nitro-pyridin-2-ylamino)-propan-1-ol;
(S)-2- (6-Methyl-5-nitro-2-pyridin-2-ylamino)-propionic acid;
(S)-2- (6-Methyl-5-nitro-pyridin-2-ylamino)-propan-1-ol;
2- (2,3-Dimethyl-4-nitro-phenylamino)-2-methyl-propan-1-ol;
(S)-2- (3,5-Dimethyl-4-nitro-phenylamino)-butan-1-ol;
4- (2-Hydroxy-1,1-dimethyl-ethylamino)-2-trifluoromethyl-benzonitrile;
4- (1-Hydroxymethyl-cyclopentylamino)-2-trifluoromethyl-benzonitrile;
(S)-4- (1-Hydroxymethyl-cyclopentylamino)-2-trifluoromethyl-benzonitrile;
(R)-4- (1-Hydroxymethyl-butylamino)-2-trifluoromethyl-benzonitrile;
(S)-4- (1-Hydroxymethyl-butylamino)-2-trifluoromethyl-benzonitrile;
[4- ((S)-1-Hydroxymethyl-butylamino)-2-trifluoromethyl-phenyl]-acetonitrile;
[4- ((R)-1- Hydroxymethyl-butylamino)-2-trifluoromethyl-phenyl]-acetonitrile;

[4-((S)-1-Hydroxymethyl-3-methyl-butylamino)-2-trifluoromethyl-phenyl]-acetonitrile;
4-(2-Hydroxy-1,1-dimethyl-ethylamino)-2-methyl-benzonitrile;
6-(2-Hydroxy-1,1-dimethyl-ethylamino)-2-methyl-nicotinonitrile;
4-(2-Hydroxy-1,1-dimethyl-ethylamino)-2,3-dimethyl-benzonitrile;
and compounds having the formula:

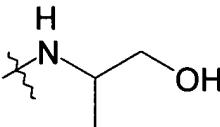
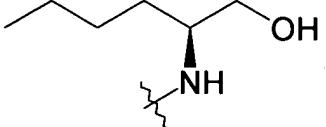
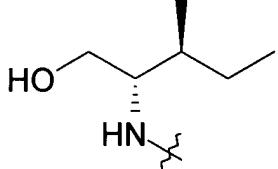
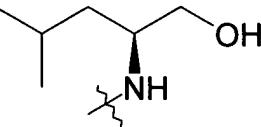
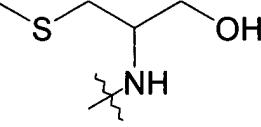
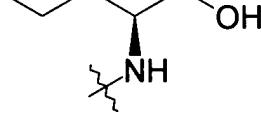
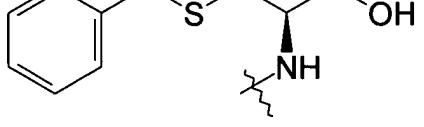
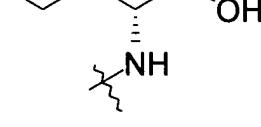
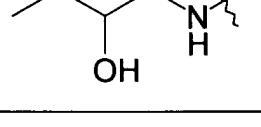


in which R₉, R₆ and Z are as defined in the following table:

R9	R6	Z
	CF ₃	CH

R9	R6	Z
	CF ₃	CH
	CF ₃	CH
	CF ₃	CH
	CF ₃	CH
	CF ₃	CH
	CF ₃	CH
	CF ₃	CH
	CF ₃	CH

R9	R6	Z
	CF ₃	CH
	CH ₃	N

R9	R6	Z
	CH ₃	N
	CH ₃	N
	CH ₃	N
	CH ₃	N
	CH ₃	N
	CH ₃	N
	CH ₃	N
	CH ₃	N
	CH ₃	N

R9	R6	Z
	CH ₃	N
	CH ₃	CH

R9	R6	Z
	CH ₃	CH

2-Methyl-N- (6-methyl-5-nitro-pyridin-2-yl amino) -propan-2-ol;

4- ((R)-2-Hydroxy-1-methyl-ethylamino) -2-trifluoromethyl-benzonitrile

4- ((R)-1-Furan-2-ylmethyl-2-hydroxy-ethylamino) -2-trifluoromethyl-benzonitrile

(R)-3-Furan-2-yl-2-(6-methyl-5-nitro-pyridin-2-ylamino)-propan-1-ol
2-(6-Methyl-5-nitro-pyridin-2-ylamino)-heptan-1-ol
3-Cyclopentyl-2-(6-methyl-5-nitro-pyridin-2-ylamino)-propan-1-ol
[1-(4-Methanesulfonyl-3-methyl-phenylamino)-cyclopentyl]-methanol
2,2-Dimethyl-3-(6-methyl-5-nitro-pyridin-2-ylamino)-propan-1-ol
2,2-Dimethyl-3-(3-methyl-4-nitro-phenylamino)-propan-1-ol
4-((R)-1-Benzylsulfanyl-methyl-2-hydroxy-ethylamino)-2-trifluoromethyl-benzonitrile
(R)-2-(6-Methyl-5-nitro-pyridin-2-ylamino)-3-phenylmethanesulfinyl-propan-1-ol
4-((R)-2-Hydroxy-1-phenylmethanesulfinyl-methyl-ethylamino)-2-trifluoromethyl-benzonitrile
[1-(4-Nitro-phenylamino)-cyclopentyl]-methanol
(S)-2-(4-Nitro-phenylamino)-pentan-1-ol
[1-(2-Bromo-4-nitro-phenylamino)-cyclopentyl]-methanol
(S)-2-(2-Bromo-4-nitro-phenylamino)-pentan-1-ol
(S)-2-(2-Bromo-4-nitro-phenylamino)-4-methyl-pentan-1-ol

30. (Previously Presented) A compound according to claim 18, wherein R₁ or R₂ is a C₆-C₁₀ arythio comprising an aryl-substituted sulfur-containing C₁-C₁₀ alkyl group.

31. (Previously Presented) A compound according to claim 18, wherein in R₁ or R₂ the alkylsulfur is substituted with a C₆ aryl group.

32 - 43. (Cancelled)